

What is Claimed is:

1. A method for changing channel information in a digital TV receiver, the method comprising the steps of:

(1) determining a channel information of being changed from a broadcasting signal received at every preset time interval and storing the changed channel information; and,

(2) comparing the stored changed channel information and channel information stored already, for updating the channel information.

2. A method as claimed in claim 1, wherein the step (1) includes the step of determining a version of the received broadcasting signal of being changed.

3. A method as claimed in claim 2, wherein the step of determining a version change of the received broadcasting signal includes the steps of;

parsing PAT information from a transport stream, and

checking a version number in the parsed PAT information to determine the version change.

4. A method as claimed in claim 1, further comprising the step of determining a repeater of being switched if it is found that the channel information is changed, to store the changed channel information.

5. A method as claimed in claim 4, wherein the step of determining a repeater of being switched includes the steps of:

storing the changed channel information if it is found that the repeater is not changed, and maintaining existing channel information if it is found that the repeater is changed.

6. A method as claimed in claim 1, wherein the step of storing the changed information includes the steps of;

starting a PAT parsing,

determining the PAT parsing conducted presently of being an initial PAT parsing,

storing each channel information in a first data base to form a first channel list, if it is found that the PAT parsing is the initial PAT parsing as a result of the determination, and

clearing the first channel list, and storing the changed channel information in a second data base, to form a second channel list, if it is found that the PAT parsing is not the initial PAT parsing as a result of the determination.

7. A method as claimed in claim 1, wherein the step (1) includes the steps of;

providing a PMT parsing start command upon completion of the PAT parsing,

determining the PMT parsing conducted presently of being an initial PMT parsing,

storing PMT information in a first data base, and providing a PMT completion signal, if it is found that the PMT parsing conducted presently is the initial PMT parsing as a result of the determination,

if it is found that the PMT parsing conducted presently is not the initial PMT parsing as a result of the determination, storing the changed PMT information in a second data base, comparing a first channel list and a second channel list, to check added or canceled channel, updating the channel information upon completion of the channel check, and providing a PMT

signal.

A method as
n processing

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Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	